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EXAMINER: .

GROUP ART UNIT:

TITLE: MICROPOROUS HOLLOW FIBER MEMBRANES FROM
PERFLUORINATED THERMOPLASTIC POLYMERS

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Noreen Buckley
Noreen Buckley

Commissioner for Patents
Washington, DC 20231
Sir:

PRELIMINARY AMENDMENT

Please amend the above-identified published PCT as follows:

In the Claims:

1. A hollow fiber porous membrane made of a perfluorinated thermoplastic polymer having an essentially skinless surface on at least one surface and an IPA flow time of less than about 3000 seconds.
2. The membrane of Claim 1 wherein said membrane is asymmetric.
3. The membrane of claim 1 wherein the IPA flow time is less than about 2000 seconds.
4. The membrane of Claim 1 wherein the IPA flow time is less than about 1500 seconds
5. The membrane of claim 1 wherein said perfluorinated thermoplastic polymer is poly(tetrafluoroethylene-co-perfluoro(alkylvinylether)) or poly(tetrafluoroethylene-co-hexafluoropropylene).
6. The membrane of Claim 5, wherein the alkyl of said poly(tetrafluoroethylene-co-perfluoro(alkylvinylether)) is propyl, methyl, or blends of methyl and propyl.